

Amendments to the Claims:

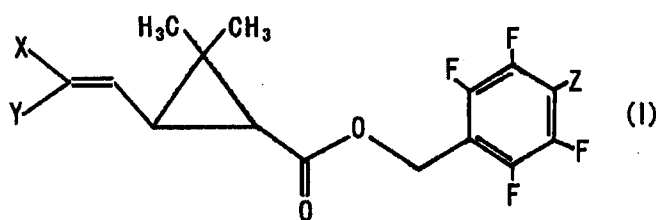
The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A cartridge for insecticide transpiration comprising:
an annular hollow structure which has openings in an inner peripheral surface and an outer peripheral surface thereof;
a core portion situated at the center of the annular hollow structure and connectable to a rotation support shaft;
a plurality of spoke portions connecting the core portion and the annular hollow structure;
_____ and blade portions integrally formed with the annular hollow structure so as to extend from positions adjacent to the openings in the inner peripheral surface toward the center thereof and ~~adapted forming a singular unit with the annular hollow structure~~ to promote ~~passing~~ the flow of air from the inner peripheral surface to the outer peripheral surface of the annular hollow structure.
2. (Currently Amended) A cartridge for insecticide transpiration according to claim 1, wherein the annular hollow structure is composed of a main body member and a cover member engaged therewith.
3. (Canceled)
4. (Original) A cartridge for insecticide transpiration according to claim 1, wherein the cartridge for insecticide transpiration is made of a polyester resin.
5. (Original) A cartridge for insecticide transpiration according to claim 4, wherein the polyester resin is polyethylene terephthalate.
6. (Original) A cartridge for insecticide transpiration according to claim 5, wherein the polyethylene terephthalate has an intrinsic viscosity of 0.7 dl/g or less.

7. (Currently Amended) A cartridge for insecticide transpiration according to claim 1, wherein ~~a the annular hollow structure accommodates~~ houses a granular chemical- impregnated material containing at least one insecticidal chemical.

8. (Currently Amended) A cartridge for insecticide transpiration according to claim 7, wherein the chemical-impregnated materials are ~~accommodated~~ housed in the cartridge for insecticide transpiration ~~at a void ratio of~~ with a free volume of 20% to 70%.

9. (Original) A cartridge for insecticide transpiration according to claim 7, wherein the chemical-impregnated materials include a fluorine-substituted benzyl alcohol ester compound represented by formula (I):



wherein X and Y are identically or differently represent hydrogen atom, methyl group, halogen atom or trifluoromethyl group, and Z represents hydrogen atom, fluorine atom, methyl group, methoxymethyl group or propargyl group, or a mixture thereof.

10. (Currently Amended) A cartridge for insecticide transpiration according to claim 7, wherein the at least one insecticidal chemical is selected from 2,3,5,6-tetrafluorobenzyl-chrysanthemate, 2,3,5,6-tetrafluorobenzyl-2,2-dimethyl-3-(1-propenyl) cyclopropane carboxylate, 4-methyl-2,3,5,6-tetrafluorobenzyl-chrysanthemate, ~~4-methyl-2,3,5,6-tetrafluorobenzyl-2,2-dimethyl-3-(2,2-dichlorovinyl)cyclopropane carboxylate, 4-methyl-2,3,5,6-tetrafluorobenzyl-2,2-dimethyl-3-(2,2-dichlorovinyl)cyclopropane carboxylate, 4-methyl-2,3,5,6-tetrafluorobenzyl-2,2-dimethyl-3-(2,2-difluorovinyl)cyclopropane carboxylate, 4-methoxymethyl-2,3,5,6-tetrafluorobenzyl-chrysanthemate, 4-methoxymethyl-2,3,5,6-tetrafluorobenzyl-2,2-dimethyl-3-(1-propenyl)cyclopropane carboxylate~~ 4-methoxymethyl-

2,3,5,6-tetrafluorobenzyl-2,2-dimethyl-3-(1-propenyl)cyclopropane carboxylate, 2,3,4,5,6-pentafluorobenzyl-2,2-dimethyl-3-(2-chloro-2-trifluoromethylvinyl)cyclopropane carboxylate, 4-propargyl-2,3,5,6-tetrafluorobenzyl-3-(1-propenyl)-2,2-dimethylcyclopropane carboxylate, 4-methoxymethyl-2,3,5,6-tetrafluorobenzyl-2,2,3,3-tetramethyl-cyclopropane carboxylate and 4-propargyl-2,3,5,6-tetrafluorobenzyl-2,2,3,3-tetramethylcyclopropane carboxylate 4-propargyl-2,3,5,6-tetrafluorobenzyl-2,2,3,3-tetramethylcyclopropane carboxylate, or and mixtures thereof.

11. (Original) A cartridge for insecticide transpiration according to claim 7, wherein the chemical-impregnated materials include 60 mg or more of the at least one insecticidal chemical.

12. (Original) A cartridge for insecticide transpiration according to claim 7, wherein the chemical-impregnated materials include a substrate made of paper, pulp, cellulose-based carrier or synthetic resin carrier, or a mixture thereof.

13. - 20. (Canceled)

21. (New) A cartridge for insecticide transpiration according to claim 1, wherein a blade portion is formed integrally with the annular hollow structure at the inner peripheral surface between each of the multitude of opening slits.

22. (New) A cartridge for insecticide transpiration according to claim 1, wherein the annular hollow structure houses a granular material, containing at least one insecticidal chemical, having an average outer diameter of 3 mm to 10 mm that is 1.3 times larger than a dimension of an opening of the multitude of slit openings.

23. (New) A cartridge for insecticide transpiration comprising:

an annular hollow structure which has openings in an inner peripheral surface and an outer peripheral surface thereof;

a core portion situated at the center of the annular hollow structure and connectable to a rotation support shaft;

a plurality of spoke portions connecting the core portion and the annular hollow structure; and

blade portions integrally formed with the annular hollow structure so as to extend from positions adjacent to the openings in the inner peripheral surface toward the center thereof and forming a singular unit with the annular hollow structure to promote the flow of air from the inner peripheral surface to the outer peripheral surface of the annular hollow structure, and

wherein each of the openings in the inner peripheral surface and an outer peripheral surface consist of a multitude of opening slits formed in parallel.